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PATENT

UTILITY PATENT APPLICATION TRANSMITTAL

Commissioner for Patents
Washington, D.C. 20231
BOX PATENT APPLICATION

Attorney Docket No.: 020009
Date: January 30, 2002
Express Mail Label No.: EV074586132US
Customer No.: 023696 Bar Code
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23696

01/30/02

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): YU-CHUAN LIN
For: RECEIVER NOISE ESTIMATION

Enclosed are:

1. Patent application (29) total pages.
2. Drawings: Formal (10) sheet(s) or Informal () sheet(s).
3. Declaration/Power of Attorney: Signed Unsigned
4. An Assignment () pages and Recordation Form Cover Sheet.
5. A Preliminary Amendment () pages.
6. Information Disclosure Statement (IDS):
 - a. PTO-1449
 - b. Copies of IDS Citations (number of citations:)
7. Other:

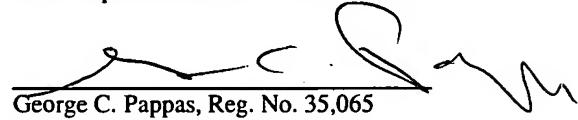
CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	37 - 20	27	x \$18 =	\$486
Independent**	7 - 3	4	x \$84 =	\$336
Multiple Dependent Claim(s):	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		\$270	\$0
APPLICATION FILING FEE			\$740	\$740
			TOTAL FEE	\$1562

*If the number in column a is less than 20, enter 0 in column b.
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8. A check in the amount of \$_____ is enclosed to pay the filing fee.
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10. The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: January 30, 2002

Signature:


George C. Pappas, Reg. No. 35,065
(858) 651-1306

QUALCOMM Incorporated
Attn: Patent Department
5775 Morehouse Drive
San Diego, California 92121-1714
Telephone: (858) 651-1179
Facsimile: (858) 658-2502

PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:
YU-CHUAN LIN

For: RECEIVER NOISE ESTIMATION

Serial No.: UNKNOWN

Group Art Unit: UNKNOWN

Filed: HEREWITH

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

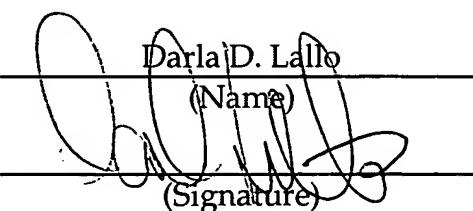
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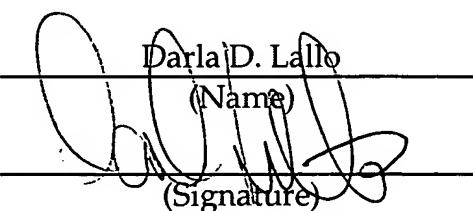
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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Commissioner of Patents, Box Patent Application, Washington, D.C. 20231. Enclosed herewith are the following documents: TRANSMITTAL LETTER; CERTIFICATE OF MAILING UNDER 37CFR § 1.10; PATENT APPLICATION IN 29 PAGES, FORMAL DRAWINGS IN 10 pgs; and POSTCARD.


Darla D. Lallo

(Name)


(Signature)

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NOTICE OF FEE DUE

J1002 U.S. PTO
10/062155

01/30/02

DATE: 2/7/02

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SUBJECT: Fee Due

APPLICATION NUMBER: 10062155

A fee is due for the attached document submitted to the U. S. Patent and Trademark Office for the following reason. Please check the application for the appropriate authorization to charge a deposit account. If an authorization is present, please charge the appropriate fee. If an authorization is not present, notify the applicant of the fee deficiency.

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If you have any questions, please contact Cynthia Streater at 703-306-5430 or Eleanor Kurtz at 703-308-3642.

Terminal Operator T. G. Colaum